

**PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

NAKADAI et al

International Appln. No.: PCT/JP2004/016883

Filed: Concurrently herewith

Attorney Dkt. No.: 62533.00047

For: AUTOMATIC SPEECH RECOGNITION SYSTEM (AS AMENDED)

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
**Attention: PCT DO/EO/US**

May 12, 2006

Sir:

This is an Information Disclosure Statement submitted under 37 C.F.R.1.97(b).

The references cited in the attached Form PTO-1449 were cited in the enclosed International Search Report issued by the Japanese Patent Office in connection with the above international application. It is understood that the Japanese Patent Office has sent a copy of each of the cited references to the U.S. Patent and Trademark Office. If this is not the case, please contact Applicants' representative at the telephone number listed below. Also attached is Reference AI cited in the attached PTO-1449 form and is discussed in the present specification.

In view of the above, all requirements of 37 CFR 1.97 and all official guidelines pertaining to Information Disclosure Statements have been complied with, and it is

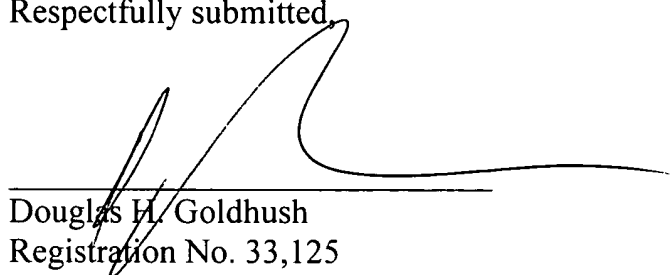
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therefore respectfully requested that the Examiner consider the references and make them of record in this application.

In the event that there are any fees due with respect to the filing of this paper, please charge Counsel's Deposit Account No. 50-2222.

Respectfully submitted,



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Enclosures: PTO-1449 Form  
International Search Report  
Reference (1)

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FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT  <i>(Use several sheets if necessary)</i>	ATTY. DOCKET NO. 62533.00047	SERIAL NO. New Application
	APPLICANT NAKADAI et al	
	FILING DATE May 12, 2006	GROUP Not yet assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO PART.		
	AC	2000-66698	03/03/2000	Japan					
	AD	2002-264051	09/18/2002	Japan					
	AE	11-143486	05/28/1999	Japan					
	AF	8-44387	02/16/1996	Japan					
	AG	2002-41079	02/08/2002	Japan					
	AH	3-274593	12/05/1991	Japan					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AI	Nakadai et al, "A Humanoid Listens to Three Simultaneous Talkers by Integrating Active Audition and Face Recognition," IJCAI-03 Workshop on Issues in Designing Physical Agents for Dynamic Real-Time Environments: World Modeling, Planning, Learning and Communicating, pp117-124.
	AJ	Nakadai et al, "Kaisoteki na Shichokaku togo to Sanran Riron o Riyo shita Robot ni yoru Sanwasha Doji Hatsuwa Ninshiki no Kojo," The Robotics Society of Japan Gakujutsu Koenkai Yokoshu, September 20, 2003.
	AK	Nakadai et al, "Active Audition ni yoru Fukusu Ongen no Teii Bunri Ninshiki," The Japanese Society for Artificial Intelligence Kenkyukai Shiryo SIG-Challenge-0216-5, November 22, 2002, pp 25 - 32.
	AL	Nakadai et al, "Robot o Taisho to shita Sanran Riron ni yoru Sanwasha Doji Hatsuwa no Teii Bunri Nin-shiki no Kojo," The Japanese Society for Artificial Intelligence, Kenkyukai Shiryo SIG-Channelge-0318-6, November 13, 2003, pp 33-38.
	AM	Nakadai et al, "Robot Recognizes Three Simultaneous Speech by Active Audition," Proc. of the 2003 IEEE, September 14, 2003, pp 398-405.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.